Conte, A., and Bonnet, A. 1903.—Sur un nématode nouveau Angiostoma hélicis n. sp., Parasite de l'appareil genital d'Helix aspersa (Müll.) Ann. Soc. Linn. de Lyon. n. s. v. 50: 63-68.

Dujardin, F. 1845.—Histoire naturelle des helminthes ou vers

intestinaux. xvi + 654 + 15 pp.

Hobmaier, A., and Hobmaier, M. 1929.—Über die Entwickelung des Lungenwurmes Synthetocaulus capillaris in Nackt-, Weg-, und Schnirkelschnecke. München. Tierärztl. Wchnschr. v. 80 (36): 497–500. 1930.—Limax und Succinia, zwei neue Zwischen-Wirte von Müllerius (Synthetocaulus) capillaris des Schafes und der Ziege. München. tierärztl. Wchnschr. v. 81 (23): 1–8.

Kreis, H. A. 1932.—Trionchonema rusticum n. g., n. sp., a parasitic nematode from the land snail, Polygyra espicola Bland

(Helicidae). Tr. Am. Micr. Soc., v. 51 (1): 48-56.

Leidy, J. 1849.—[New genera and species of Entozoa]. Proc. Acad. Nat. Sc. Phila. v. 4 (11): 229–233.

Maupas, E. 1899.—La mue et l'enkystement chez les néma-

todes. Arch. d. zool. éxpér. et gén. Ser. 3, v. 7: 563-628.

Schneider, A. 1859. Über eine Nematodenlarva und gewisse Verschiedenheiten in den Geschlechtsorganen der Nematoden. Ztschr. f. wissensch. Zool., v. 10 (1): 176–178. 1866.—Monographie der Nematoden. viii + 357 pp., Berlin.

## BIBLIOGRAPHY OF WILLIAM GREENE BINNEY

## BY ARTHUR F. GRAY (concluded from p. 101)

22. Check List of the Shells of North America, Terrestrial Gasteropods, by W. G. Binney. (No date.) Smithsonian Misc. Coll., pp. 45–50. Second Edition. (Section I. Pacific Coast, Section II. Eastern North America, and Section III. Mexico.)

23. Check List of the Shells of North America—Fluviatile Gasteropoda, by W. G. Binney. (No date.) Smithsonian Misc.

Coll., pp. 51–57.

24. Catalogue of Land and Fresh-water Univalve Mollusks collected in British America, by Messrs. Ross, Kennicott and Drexler, and deposited in the Smithsonian Collection, Proc. Acad. Nat.

Sci. Philadelphia, Oct., 1861, p. 330.

25. Notes on the Terrestrial Mollusks of the Peninsula of California. Proc. Acad. Nat. Sci. Philadelphia, Oct., 1861, pp. 331-333, with wood-cuts. (New species described are *Bulimus Xantusi*, B. artemisia, B. pilula, and B. inscendens.) Also published separately.

26. Synopsis of North American Limnaeidae. Distributed in form of Proof-sheets only, as part of Smithsonian Collections, May 4, 1863, pp. 7 (pp. 63-69).

27. Note on the Geographical Distribution of North American Land Shells. Proc. Boston Soc. Nat. Hist., Vol. IX, 1863, p. 177.

28. On Erosion of Shells. Proc. Boston Soc. Nat. Hist., Vol. IX, 1863, p. 327. (Erosion of Melania and Melantho mentioned.)

29. Synopsis of Air-breathing Mollusks of North America.

Smithsonian Misc. Coll., Dec. 9, 1863, pp. 12 (pp. 71-82).

30. Bibliography of North American Conchology, Previous to the year 1860. Smithsonian Misc. Coll., Vol. V, Washington, 1863–1864. Part I, American Authors, pp. 650, March, 1863. Part II, Foreign Authors, pp. 306, June, 1864.

31. The Complete Writings of Constance Smaltz Rafinesque on Recent and Fossil Conchology (in connection with George W.

Tryon, Ja.). 1864, pp. 103, wood-cuts, and 3 plates.

32. Land and Fresh-water Shells of North America. Part II, Pulmonata Limnophila and Thalassophila. Pp. 161, and woodcuts. Smithsonian Misc. Coll., Washington. 1865.

33. Note on the Jaws of Helices. Am. Journ. Conch., I, p. 47,

pl. vi, Feb., 1865. (On the jaw of *Helix tryoni* Newc.)

34. Land and Fresh-water Shells of North America. Part III, Ampullariidae, Valvatidae, Viviparidae, Fresh-water Rissoidae, Cyclophoridae, Truncatellidae, Fresh-water Neritidae, Helicinidae. Pp. 120, and wood-cuts. Smithsonian Misc. Coll. Vol. I, Washington, 1865.

35. Descriptions of the Genus Ariolimax. Moerch. Am. Journ. Conch., Vol. I, p. 48, pl. vi, Feb., 1865. (Ariolimax columbianus.)

- 36. Descriptions of New Species of North American Land and Fresh-water Shells. Am. Journ. Conch., Vol. I, pp. 49-51, pl. vii, Feb., 1865. (New species described are Vivipara inornata Binn., Melantho decampi Currier., Cylindrella Coahualensis Binn., Bulinus berlanderiansis, Binn., Genus Carinifex Binn.)
- 37. Notes sur quelques espèces de mollusques fluviatiles de l'Amérique du Nord. Journal de Conchologie, Vol. XX (3d series, Vol. VII), Paris, 1867, pp. 427-432.

38. Synopsis of Invertebrata of Massachusetts. May, 1868, pp.

14. (A check-list sent out for corrections and additions.)

39. On the Lingual Dentition Studied by the Microscope and Photography. Am. Journ. Conch., Vol. V, pp. 37-38, pl. XI, July, 1869, by W. G. Binney, with a Note by Thomas Bland.

40. Report on the Invertebrata of Massachusetts, published agreeably to an order of the Legislature. Second edition, comprising the Mollusco. By Augustus A. Gould, M.D. Edited by W. G. Binney, Boston, 1870, pp. 524, with 12 chromolithographic plates and 756 wood-cuts.

41. The Mollusca of Our Cellars. Am. Nat., Vol. IV, pp. 166–171, wood-cuts, May, 1870.

42. Note on Vivipera lineata Val. Ann. Lyc. Nat. Hist. N. Y.,

Vol. IX, pp. 295–297, 1870.

43. American Land Shells Wanted. A circular privately distributed. P. 1, 1871.

44. A New Locality for Zonites cellarius Müller. Am. Nat.,

Vol. VI, p. 494, Aug., 1872.

45. On the Systematic Arrangement of North American Mollusks. By Thomas Bland and Wm. G. Binney. From the Annals of the Lyceum of Natural History of New York, Vol. X, pp. 156–170 inclusive, Salem, Mass. Printed at the Salem Press, 1872, 13 pages.

46. Catalogue of the Terrestrial Air-breathing Mollusks of North America, With Notes on Their Geographical Range. By W. G. Binney. Bull. Mus. Comp. Zool., Vol. III, No. 9, 1873, pp.

191-220 and map.

47. Binney, Bland, Tryon, Prime and Stimpson, Land and Fresh-water Shells of North America. Smithsonian Misc. Coll., 6 parts., Washington, 1865–74, 8vo., with numerous wood-cuts. (Monographs of all land and fresh-water shells except the *Unionidae*.)

48. On the Anatomy and Lingual Dentition of Ariolimax and Other Pulmonata. Proc. Acad. Nat. Sci. Philadelphia, May,

1874, pp. 33-63, plates ii-xi.

49. On the Genitalia and Lingual Dentition of Pulmonata. Ann. Lyc. Nat. Hist. N. Y., Vol. XI, pp. 20-46, plates i-vi, Sept., 1874.

50. On the Jaw and Lingual Dentition of North American Terrestrial Pulmonata. Proc. Acad. Nat. Sci. Philadelphia, pp.

140-243, pls. 1-18, June, July, 1874.

51. On the Lingual Dentition and Genitalia of Partula and Other Pulmonata. Proc. Acad. Nat. Sci. Philadelphia, pp. 244–254, pls. 19–21, Sept., 1875.

52. On the Genitalia, Jaw and Lingual Dentition of Certain Species of Pulmonata. Ann. Lyc. Nat. Hist. N. Y., Vol. XI, pp.

166-196, pls. 12-18, Oct., 1875.

53. On the Land Shells of the Mexican Island of Guadelupe, Collected by Dr. E. Palmer. Proc. Acad. Nat. Sci. Philadelphia, p. 16, March, 1879.

54. On the Lingual Dentition, Jaw, and Genitalia of Carelia, Onchidella and other Pulmonata. Proc. Acad. Nat. Sci. Phila-

delphia, pp. 183–192, plate 6, Nov., 1876.

55. The Terrestrial Air-breathing Mollusks of the United States and Adjacent Territories of North America. Described and Illustrated by W. G. Binney, Vol. V. Cambridge: Printed by Welch,

Bigelow & Co., July, 1878. 8vo. pp. 449, with 104 plates and 312 wood-cuts. Also issued as Bull. Mus. Comp. Zool. Vol. IV.

56. On the Jaw and Lingual Dentition of Certain Costa Rica Land Shells. Collected by Dr. William M. Gabb, Ann. N. Y. Acad. Sci., Vol. I, No. 9, pp. 257–263, plate XI, May, 1879.

57. On Certain North American Species of Zonites, etc. Ann. N. Y. Acad. Sci., Vol. I, No. 11, pp. 355-362, plates xiv-xv, Oct., 1879.

58. On the Jaw and Lingual Dentition of Certain Terrestrial Mollusks. Bull. Mus. Comp. Zool., Vol. V, No. 16, pp. 38, 2 plates, December, 1879.

59. Notes on the Jaw and Lingual Dentition of Pulmonate Mollusks. Ann. N. Y. Acad. Sci., Vol. III, Nos. 3 and 4, pp. 79–136,

pls. 2–17, March, 1884.

60. A Supplement to the Fifth Volume of the Terrestrial Airbreathing Mollusks of the United States and the Adjacent Territories. Bull. Mus. Comp. Zool., Vol. XI, No. 8, pp. 32, 4 plates, Dec., 1883.

61. A Manual of American Land Shells. By W. G. Binney. Washington, Government Printing Office, 1885, pp. 528, with

wood-cuts, Bull. U. S. Nat. Mus., Vol. 28.

62. Notes on the Land Shells of Kansas. By W. G. Binney and Arthur F. Gray. Bull. Washburn College of Nat. Hist., No. 2, pp. 55–56, Jan.–Feb., 1885.

63. Thomas Bland (an account of his life and work). Ameri-

can Journal of Science, Vol. XXX, Nov., 1885.

64. A Second Supplement to the Fifth Volume of the Terrestrial Air-breathing Mollusks of the United States and Adjacent Territories. Bull. Mus. Comp. Zool., Vol. XIII, No. 2, pp. 26, 3 plates, Dec., 1886.

65. A Third Supplement to the Fifth Volume of the Terrestrial Air-breathing Mollusks of the United States and Adjacent Territories. Bull. Mus. Comp. Zool., Vol. XIX, No. 4, pp. 44,

11 plates, May, 1890.

66. A Fourth Supplement to the Fifth Volume of the Terrestrial Air-breathing Mollusks of the United States and Adjacent Territories. Bull. Mus. Comp. Zool., Vol. XXII, No. 4, pp. 42, 4 plates, Jan., 1892.

## II. A List of the Scientific Papers Published in Connection With Thomas Bland, 1869–1873

67. Land and Fresh-water Shells of North America, Part I, Pulmonata, Geophila. Pp. 316 and wood-cuts, Smithsonian Misc. Coll., Washington, 1869.

68. Notes on Lingual Dentition of Mollusca, No. I. Ann. Lyc. Nat. Hist. N. Y., Vol. IX, pp. 281–295, wood-ucts, Feb., 1870.

69. Notes on Lingual Dentition, No. 2. Am. Journ. Conch.,

Vol. VI, pp. 202–215, wood-cuts and pl. IX, April, 1871.

70. Note on the Genus *Pineria*, and on the Lingual Dentition of Pineria Ciequensis Pfr. Ann. Lyc. Nat. Hist. N. Y., Vol. X, pp. 22–27, Feb., 1871.

71. Notes on the Lingual Dentition of Pompholyx effusa. Am.

Journ. Conch., Vol. VI, pp. 312-313, pl. XVIII, June, 1871.

72. On the Lingual Dentition of Helix turbiniformis Pfr., and Other Species of Terrestrial Mollusca. Ann. Lyc. Nat. Hist. N. Y., Vol. X, pp. 79–82, pl. II, July, 1871.

73. On the Lingual Dentition of Clausilia tridens Chemn.

Journ. Conch., Vol. VII, pp. 28-29, pl. II, Aug., 1871.

74. On the Lingual Dentition of *Helicina occulta*. Journ. Conch., Vol. VII, pp. 29–30, pl. II, Aug., 1871.

75. On the Lingual Dentition of Limnaea appressa Say, and Limnaea megasoma Say. Am. Journ. Conch., Vol. VII, pp. 161-162, pl. XII, Nov., 1871.

76. On the Lingual Dentition of Veronicella. Am. Journ.

Conch., Vol. VII, pp. 163-164, pl. XII, Nov., 1871.

77. On the Systematic Arrangement of North American Terrestrial Mollusca. Ann. Lyc. Nat. Hist. N. Y., Vol. X, pp. 158-169, April, 1872. (In connection with the above "Note on Helix inversicolor Fer. and other species from Mauritius," pp. 169-170, appeared.)

78. On the Lingual Dentition and Jaws of Terrestrial Mollusca, No. 3. Am. Journ. Conch., Vol. VII, pp. 174-184, March,

1872.

79. On the Lingual Dentition of Blandiella, Geomelania and Amphibulima. Am. Journ. Conch., Vol. VII, pp. 185-186, pl. XVII, March, 1872.

80. On the Lingual Dentition of Nanina. Am. Journ. Conch.,

Vol. VII, pp. 188–189, pl. XVII, March, 1872.

81. On the Lingual Dentition of Macroceramus gossei Pfr. Am. Journ. Conch., Vol. VII, p. 187, pl. XVII, March, 1872.

82. On the Generic Position of Helix newberryana. Am. Journ. Conch., Vol. VII, pp. 190-191, pl. XVII, March, 1872.

83. Notes on the Lingual Dentition of Certain Species of North American Land Shells. Proc. Acad. Nat. Sci. Philadel-

phia, pp. 135–137, Sept., 1872.

84. On the Relations of Certain Genera of Terrestrial Mollusca of, or Related to, the Sub-family Succiniae, With Notes on the Lingual Dentition of Succinea appendiculata Pfr. Ann. Lyc. Nat. Hist. N. Y., Vol. X, pp. 198-207, pl. IX, Oct., 1872.

85. Description of *Hemphillia*, a New Genus of Terrestrial Mollusks. Ann. Lyc. Nat. Hist. N. Y., Vol. X, pp. 208–211, pl.

IX, Oct., 1872. (Hemphillia glandulosa described.)

86. On the Lingual Dentition of Certain Terrestrial Pulmonata, Foreign to the United States, (with) Additional Note on the Genus Amphibulima. Ann. Lyc. Nat. Hist. N. Y., Vol. X, pp. 219-225, Dec., 1872, Jan. 1873.

87. On the Lingual Dentition of Gaeotis, Foreign to the United States, (with) Additional Note on the Genus Amphibulima. Ann. Lyc. Nat. Hist. N. Y., Vol. X, pp. 252-255, pl. XI, Jan.,

1873.

88. Note on a Curious Form of Lingual Dentition in Physa, Foreign to the United States, (with) Additional Note on the Genus Amphibulima. Ann. Lyc. Nat. Hist. N. Y., Vol. X, pp. 255-257, pl. XI, Jan., 1873.

89. On the Lingual Dentition and Jaw of Certain Terrestrial Pulmonata from the United States, with Remarks on Their Systematic Value. Proc. Acad. Nat. Sci. Philadelphia, pp. 240-256,

pl. I, 1873.

90. On Prophysaon, a New Pulmonate Mollusk, on Ariolimax, on *Helix lychnuchus* and Other Species. Ann. Lyc. Nat. Hist. N. Y., Vol. X, pp. 293–311, pls. XIII–XIV, 1873.

91. On the Lingual Dentition and Anatomy of Achatinella, and Other Pulmonata. Ann. Lyc. Nat. Hist. N. Y., Vol. X, pp. 331–351, pls. XV–XVI, Nov., 1873.

## NOTES AND NEWS

Bohumil Shimek.—All conchologists will greatly mourn the loss of this eminent authority on loess mollusks, who died January 29th, at his home in Iowa City.—H. A. P. & H. B. B.

MISS THEODORA WILLARD, Secretary of the Boston Malacological Club, died in Boston, February 17.

A DOUBLE-LIPPED STROMBUS.—A female specimen of Strombus bituberculatus Lam., taken in Lake Worth, Florida, near the lower inlet, after forming an expanded lip resumed growth from the inner margin of the expansion, forming a second thick, expanded lip about 13 mm. in advance of the first one. is of the small, east coast variety, 63 mm. long.—Thomas Mc-GINTY.

THE AMERICAN MALACOLOGICAL UNION will hold its seventh annual meeting in the University of Michigan Museum, Ann Arbor, Michigan, August 3 to 5 inclusive. Titles of papers with